MSDS Safety Information

FSC: 9130
NIIN: 01-282-2844
MSDS Date: 01/25/1992
Product ID: CALCO MID-GRADE UNLEADED GASOLINE

Related Party
Cage: 0AHD1
Name: CHEVRON ENVIRONMENTAL HEALTH CENTER INC.
Address: 15299 SAN PABLO AVE.
Box: 4054
City: RICHMOND CA 94804
Info Phone Number: 415-233-3737
Emergency Phone Number: 415-233-3737
Published: Y

Contractor Summary

Cage: 0AHD1
Name: CHEVRON ENVIRONMENTAL HEALTH CENTER INC.
Address: 15299 SAN PABLO AVE.
Box: 4054
City: RICHMOND CA 94804
Phone: 800-582-3835

Item Description Information

Item Name: GASOLINE, UNLEADED
Specification Number: ASTM D439
Type/Grade/Class: MID-GRADE UNLEADED
Unit of Issue: DR
Quantitative Expression: 0000000000055GL
UI Container Qty: 0
Type of Container: DRUM

Ingredients

<table>
<thead>
<tr>
<th>Cas</th>
<th>RTECS</th>
<th>Name</th>
<th>% Wt.</th>
<th>Other REC Limits:</th>
<th>OSHA PEL</th>
<th>ACGIH TLV:</th>
</tr>
</thead>
<tbody>
<tr>
<td>8006-61-9</td>
<td>LX3300000</td>
<td>GASOLINE (INCLUDES THE FOLLOWING INGREDIENTS)</td>
<td>100</td>
<td>NONE RECOMMENDED</td>
<td>300 PPM/500 STEL</td>
<td>300 PPM/500 STEL; 9293</td>
</tr>
<tr>
<td>71-43-2</td>
<td>CY1400000</td>
<td>BENZENE (SARA III)</td>
<td>&lt; 4.9</td>
<td>NONE RECOMMENDED</td>
<td>1 PPM/1 STEL; 1910.1028</td>
<td>10 PPM; A2; 9293</td>
</tr>
<tr>
<td>100-41-4</td>
<td>DA0700000</td>
<td>ETHYL BENZENE (SARA III)</td>
<td>&lt; 2.4</td>
<td>NONE RECOMMENDED</td>
<td>100 PPM/125 STEL</td>
<td>100 PPM/125 STEL 9293</td>
</tr>
<tr>
<td>106-42-3</td>
<td>ZE2625000</td>
<td>P-XYLENE (P-DIMETHYLBENZENE) (SARA III)</td>
<td>&lt; 2.3</td>
<td>NONE RECOMMENDED</td>
<td>100 PPM/150 STEL</td>
<td>100 PPM/150 STEL 9293</td>
</tr>
</tbody>
</table>
DOT Rpt Qty: 1000 LBS

Cas: 108-38-3
RTECS #: ZE2275000
Name: M-XYLENE (M-DIMETHYLBENZENE) (SARA III)
% Wt: < 6.3
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM/150 STEL
ACGIH TLV: 100 PPM/150 STEL; 9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 95-47-6
RTECS #: ZE2450000
Name: O-XYLENE (O-DIMETHYLBENZENE) (SARA III)
% Wt: < 3.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM/150 STEL
ACGIH TLV: 100 PPM/150 STEL; 9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% Wt: < 9.5
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 110-54-3
RTECS #: MN9275000
Name: HEXANE (N-HEXANE)
% Wt: < 5.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 500 PPM
ACGIH TLV: 50 PPM; 9293
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1 LB

Cas: 110-82-7
RTECS #: GU6300000
Name: CYCLOHEXANE (SARA III)
% Wt: < 2.4
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM; 9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 1634-04-4
RTECS #: KNS2500000
Name: METHYL TERT-BUTYL ETHER (SARA III)
% Wt: < 15.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1 LB

Cas: 64-17-5
RTECS #: KQ6300000
Name: ETHYL ALCOHOL (ETHANOL)
% Wt: < 10.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM; 9293

Health Hazards Data

LD50 LC50 Mixture: LD50 ORAL (RATS) > 5 ML/KG
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: YES
IARC: YES
OSHA: YES

Effects of Exposure: EYE IRRITATION, VISION IMPAIRMENT, SKIN IRRITATION, NERVOUS SYSTEM DISTURBANCES, COMA, DEATH, PULMONARY EDEMA, BRONCHITIS, ASPIRATION HAZARD.

Explanation of Carcinogenicity: CONTAINS B [71-43-2] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Signs and Symptoms of Overexposure: EYE PAIN/SWELLING/REDNESS, BLURRED VISION, SKIN CRACKING/DEFATTING/DRYNESS, HEADACHE, DIZZINESS, LOSS OF APPETITE, WEAKNESS, LOSS OF COORDINATION, LOSS OF CONSCIOUSNESS, CONVULSIONS, DELIRIUM, HALLUCINATIONS, LUNG INJURY.

Medical Conditions Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, SEE PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, SEE PHYSICIAN. INGESTION: GIVE WATER OR MILK TO DRINK. DO NOT INDUCE VOMITING. CONTACT PHYSICIAN.

Handling and Disposal

Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES. USE SORBENT MATERIALS OR PUMPING. REMOVE CONTAMINATED SOIL WHERE FEASIBLE. RELEASES OF PRODUCT SHOULD BE PREVENTED FROM CONTAMINATING SOIL AND WATER AND FROM ENTERING DRAINAGE AND SEWER SYSTEMS. REPORT SPILLS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DORSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Handling and Storage Precautions: DO NOT USE OR STORE NEAR FLAME, SPARKS OR HOT SURFACES. USE ONLY IN WELL VENTILATED AREA. KEEP CONTAINER CLOSED. DO NOT TRANSFER LIQUID TO UNLABELED.

Other Precautions: DO NOT WELD, HEAT OR DRILL CONTAINER. REPLACE CAP OR BUNG. EMTIPE CONTAINER STILL CONTAINS HAZARDOUS OR EXPLOSIVE VAPOR OR LIQUID. USE ONLY AS A MOTOR FUEL. DO NOT USE FOR CLEANING, PRESSURE APPLIANC E FUEL OR ANY OTHER SUCH USE.

Fire and Explosion Hazard Information

Flash Point Method: PMCC
Flash Point Text: <-49F, <-45C
Lower Limits: 1.4 %
Upper Limits: 3.6 %
Extinguishing Media: FIRE FIGHTING FOAM, ALCOHOL RESISTANT TYPE (AR) AFFF, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures: EXTREME FIRE HAZARD! DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT. THIS MAY INCLUDE SCBA AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard: LIQUID EVAPORATES QUICKLY AT LOW TEMPERATURES AND FORMS VAPORS WHICH CAN CATCH FIRE AND BURN WITH EXPLOSIVE VIOLENCE. VAPORS MAY TRAVEL TO REMOTE IGNITIONS

Control Measures

Respiratory Protection: NOT NORMALLY REQUIRED. IF OPERATING CONDITIONS CREATE AIRBORNE CONCENTRATIONS WHICH EXCEED THE RECOMMENDED EXPOSURE STANDARDS, USE AN APPROVED RESPIRATOR. REFER TO OSHA BENZENE STANDARD TO DETERMINE TYPE OF RESPIRATOR.

Ventilation: USE THIS MATERIAL ONLY IN WELL VENTILATED AREAS.

Protective Gloves: NOT NORMALLY REQUIRED.

Eye Protection: CHEMICAL GOGGLES

Other Protective Equipment: AVOID FREQUENTLY REPEATED SKIN CONTACT BY WEARING PROTECTIVE CLOTHING.

Work Hygienic Practices: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health: NOTE TO PHYSICIAN: INGESTION OF THIS PRODUCT OR SUBSEQUENT VOMITING CAN RESULT IN ASPIRATION OF LIGHT HYDROCARBON LIQUID WHICH CAN CAUSE PNEUMONITIS.

Physical/Chemical Properties

HCC: F1

B. P. Text: 77.0F, 25.0C
M. P.F. P. Text: NOT GIVEN
Decomp Text: UNKNOWN
Vapor Pres: 5-15 PSI
Vapor Density: 3.4
Spec Gravity: 0.7 - 0.8
Viscosity: NOT GIVEN

Evaporation Rate & Reference: NOT GIVEN
Solubility in Water: NEGLIGIBLE
Appearance and Odor: ORANGE TO BRONZE LIQUID, HYDROCARBON ODOR
Percent Volatiles by Volume: 99+
Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: SPARKS, STATIC ELECTRICITY, OPEN FLAMES
Materials To Avoid: STRONG OXIDIZING AGENTS, SUCH AS CHLORATES, NITRATES, PEROXIDES, ETC.
Hazardous Decomposition Products: CARBON DIOXIDE, WATER VAPOR, CARBON MONOXIDE
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR.

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 0AHDI
Trans ID NO: 121763
Product ID: CALCO MID-GRADE UNLEADED GASOLINE
MSDS Prepared Date: 01/25/1992
Review Date: 05/11/1993
MFN: 5
Net Unit Weight: 343.5 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: DR
Container QTY: 0
Type Of Container: DRUM
Additional Data: FILM OR SHEEN UPON THE WATER SURFACE OR DISCOLORATION OF THE WATER OR ADJOINING SHORELINE IS REPORTABLE TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802.

DOT PSN Code: GTN
DOT Proper Shipping Name: GASOLINE
Hazard Class: 3
UN ID Num: UN1203
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: B33,B101,T8
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 5 L
Max Qty Cargo: 60 L
Vessel Stow Req: E

IMO PSN Code: HRV
IMO Proper Shipping Name: GASOLINE
IMDG Page Number: 3141
UN Number: 1203
UN Hazard Class: 3.1
IMO Packaging Group: II
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: 311

IATA PSN Code: RMF
IATA UN ID Num: 1203
IATA Proper Shipping Name: MOTOR SPIRIT
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: II
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packing Note Cargo: 307
Exceptions: A100

Detail AFI Information

AFI PSN UC
AFI Proper Shipping Name: GASOLINE
AFI Hazard Class: 3
AFI UN ID NUM: UN1203
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3

HAZCOM Label

Product ID: CALCO MID-GRADE UNLEADED GASOLINE
Cage: OAHDI
Company Name: CHEVRON ENVIRONMENTAL HEALTH CENTER INC
Street: 15299 SAN PABLO AVE
PO Box: 4054
City: RICHMOND CA
Zipcode: 94804
Health Emergency Phone: 415-233-3737
Label Required IND: Y
Date Of Label Review: 05/11/1993
Status Code: C
MFG Label NO: NONE
Label Date: 05/11/1993
Origination Code: G
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: Slight

Hazard And Precautions: CONTAINS B [71-43-2] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN. DO NOT USE OR STORE NEAR FLAME, SPARKS OR HOT SURFACES. USE ONLY IN WELL VENTILATED AREA. KEEP CONTAINER CLOSED. DO NOT TRANSFER LIQUID TO UNLABELED. FIRST AID: EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, SEE PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP, SEE PHYSICIAN. INGESTION: GIVE WATER OR MILK TO DRINK. DO NOT INDUCE VOMITING. CONTACT PHYSICIAN.

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